

Converting Colors

XYZ(16.2907, 13.5950, 12.8631)

Have a look what the booklet for
XYZ(16.2907, 13.5950, 12.8631)
contains.

XYZ(16.2487, 13.5601, 12.8273) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(16.2487, 13.5601,
12.8273)**

Conversions

Conversions Part 1	
Format	Color
Hex	8A5A60
RGB	138, 90, 96
RGB Percent	54%, 35%, 38%
CMY	0.4588, 0.6470, 0.6235
CMYK	0.00, 0.35, 0.30, 0.46
HSL	353°, 21%, 45%
HSV	353°, 35%, 54%
XYZ	16.2487, 13.5601, 12.8273
YIQ	105.0360, 26.6820, 12.0420

Conversions

Conversions Part 2

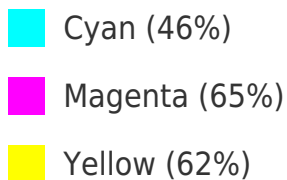
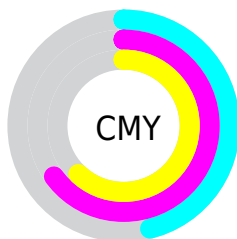
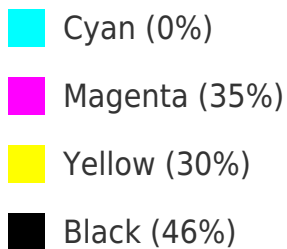
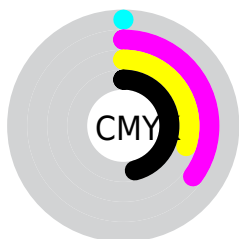
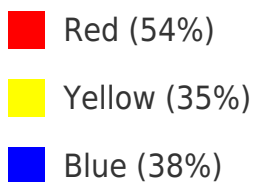
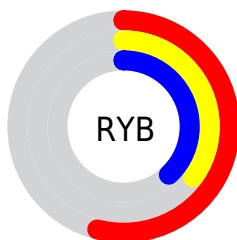
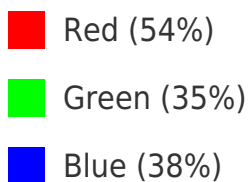
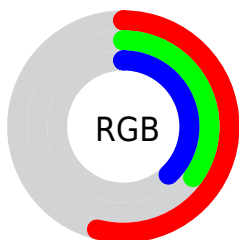
Format	Color
RYB	138, 90, 96
Decimal	9067104
CIELab	43.60, 20.62, 4.71
CIELCh	44, 21.154, 12.855
Yxy	13.5601, 0.3811, 0.3180
Android (android.graphics.Color)	4287257184 (0xFF8A5A60)
YUV	105.0360, -4.4547, 28.9094
Hunter-Lab	36.8240, 14.3215, 5.1237

Details

The XYZ color **16.2487, 13.5601, 12.8273** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4703, 22.0169, 25.1597**, and the grayscale version is **13.4439, 14.1441, 15.4029**.

A 20% lighter version of the original color is **36.7055, 32.4625, 31.5254**, and **5.2774, 3.9365, 3.4993** is the 20% darker color. If you saturate the color by 10%, you get **14.6770, 11.2392, 9.7679**, and if you desaturate by 10%, it is **18.1227, 16.3487, 16.4091**.


Distribution



Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2487, 13.5601, 12.8273 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 16.2487, 13.5601, 12.8273 by changing the saturation by 10% instead.


 16.2487, 13.5601,
12.8273


 16.2487, 13.5601,
12.8273


224.0465,
214.4767, 220.9767


 9.7923, 7.8154,
7.1804


 36.5834, 32.3064,
31.6798


 5.3227, 3.9770,
3.4950


 51.1924, 46.0768,
45.7225


 2.4745, 1.6607,
1.3526

 69.2496, 63.2912,
63.4008

 0.8824, 0.3980,
0.1043

 91.1204, 84.3339,
85.1334

 0.0000, 0.0000,
0.0000


 117.1701,
109.5895, 111.3387


147.7641,


139.4422, 142.4354


183.2678,
174.2765, 178.8418

 16.2487, 13.5601,
12.8273

 16.2487, 13.5601,
12.8273


 14.6770, 11.2392,
9.7679


 18.1227, 16.3487,
16.4091


 13.3907, 9.3585,
7.2058


 20.3125, 19.6267,
20.5355


 12.3727, 7.8907,
5.1146


 22.8323, 23.4167,
25.2281


 11.6038, 6.8047,
3.4656


 25.6951, 27.7393,
30.5073


 11.0622, 6.0648,
2.2266


 28.9129, 32.6140,
36.3924


 10.7196, 5.6237,
1.3601

 32.4975, 38.0593,
42.9017

 10.5843, 5.4445,
1.0334

 36.4600, 44.0929,
50.0531

 40.8109, 50.7318,
57.8633

 45.5605, 57.9920,
66.3488

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.1768, 13.5601, 17.6193



16.2487, 13.5601, 12.8273



15.3664, 13.5601, 9.3903

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.2487, 13.5601, 12.8273



10.8418, 13.5601, 9.0378



11.9724, 13.5601, 25.3052

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.2487, 13.5601, 12.8273



17.4703, 22.0169, 25.1597

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.6923, 13.5601, 21.8760



16.2487, 13.5601, 12.8273



10.0790, 13.5601, 12.2363

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.2487, 13.5601, 12.8273



12.1930, 13.5601, 7.5392



10.0267, 13.5601, 16.8878



13.6099, 13.5601, 25.5591

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.2487, 13.5601, 12.8273



14.3965, 13.5601, 8.0458



10.0267, 13.5601, 16.8878



11.4896, 13.5601, 24.4567

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.2491, 13.5607, 12.8276



37.7590, 37.5319, 39.8484



17.6973, 14.0213, 25.8184



8.3502, 8.2395, 8.7161



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.2491, 13.5607, 12.8276



26.3530, 20.5205, 18.1644



17.6476, 16.7829, 11.9829



5.0567, 5.0581, 5.3869



9.7077, 4.9932, 0.9649



0.0673, 0.0343, 0.0214

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.2491, 13.5607, 12.8276



26.3530, 20.5205, 18.1644



15.5691, 17.5385, 26.6095



5.0567, 5.0581, 5.3869



9.7077, 4.9932, 0.9649



0.0673, 0.0343, 0.0214

Previews

White Background



This preview shows how the XYZ color 16.2487, 13.5601, 12.8273 looks on a white background.

Color Contrast Check

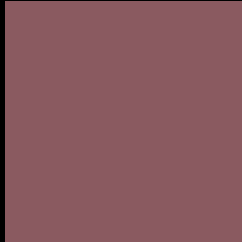
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.2487, 13.5601, 12.8273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2487, 13.5601, 12.8273

Background



This preview shows how black text looks on a background with the XYZ color 16.2487, 13.5601, 12.8273.



This preview shows how white text looks on a background with the XYZ color 16.2487, 13.5601,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.2487, 13.5601, 12.8273

Protanopia

13.1241, 13.6830, 14.7813

Deuteranopia

13.9137, 13.7044, 12.5016



Tritanopia

16.2951, 13.5787, 13.0714

Trichromacy



Original Color
16.2487, 13.5601, 12.8273

Protanomaly
14.0041, 13.4374, 13.9122

Deuteranomaly
14.7059, 13.5519, 12.6672

Tritanomaly
16.2951, 13.5787, 13.0714

Monochromacy



Original Color
16.2487, 13.5601, 12.8273

Achromatopsia
13.4271, 14.1263, 15.3836

Achromatomaly
14.2916, 13.8556, 14.4915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2487, 13.5601, 12.8273 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(138, 90, 96) looks like.

```
.text, #text, p{  
    color:rgb(138, 90, 96)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 90, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 90, 96) }
```

Border

The CSS property to change the border of an element to XYZ 16.2487, 13.5601, 12.8273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 90, 96) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 90, 96) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 90, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 90, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 90, 96);  
box-shadow:4px 4px 4px 4px rgb(138, 90,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2487, 13.5601, 12.8273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 90, 96) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138, 90,  
96) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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